



# **Point of Connection Charges and Losses Computation**

**January 2015 – March 2015 (Q4)**

**Meeting of the Validation Committee**

**Date : 12th December 2014**

**Venue: NRLDC Conference Room,  
New Delhi**



# Assumptions



- ❑ **Extant PoC Regulations adopted**
  - ❑ **Average generation and load scenario based on CEA data**
- 

# Contents



- PoC Computation for Q4 Case (Jan'15-Mar'15)
  - ▣ Demand & Generation Projection
  - ▣ New Generation

# Demand Generation Projection



- Demand and Generation Projection
  - Based on Last 3 years data (January-March) from CEA website.
- New Generation
  - Expected DOCO by 31<sup>st</sup> Dec 2014
- Generation Projection
  - Increasing Trend : Last Year figures considered
  - In other cases : Average of last three years
  - Normative Auxiliary Consumption deducted
- Demand Projection
  - Based on FORECAST function of MS-Excel

# Load Generation Projection



<b>New Units</b>	<b>Plant Load Factor</b>
<b>Thermal Units with DOCO from 1<sup>st</sup> April to 31<sup>st</sup> December</b>	<b>70%</b>
<b>Hydro Units with DOCO 1<sup>st</sup> April to 31<sup>st</sup> December</b>	<b>0%</b>
<b>Gas Units with DOCO 1<sup>st</sup> April to 31<sup>st</sup> December</b>	<b>30%</b>

# Demand and Generation

	Q3 (Oct-Dec'14)		Q4 (Jan-Mar'15)	
	Demand (MW)	Generation (MW)	Demand (MW)	Generation (MW)
NR	32347	31204		29343
ER	12195	17072		17263
WR	37596	45226		45496
NER	1497	1298		1033
SR	29306	26429		30178
All India	112941	121229		123313

# Comparison of Demand for Q2\_2014-15

<b>Northern Region</b>			
<b>State/Region/System</b>	<b>Projected Demand (MW)</b>	<b>Actual Demand (MW)</b>	<b>Change (in %)</b>
Chandigarh			↑
Delhi			↑
Haryana			↑
Himachal Pradesh			↓ -
Jammu & Kashmir			↓ -
Punjab			↑
Rajasthan			↑
Uttar Pradesh			↑
Uttarakhand			↑

# Contd...

## Eastern Region

State/Region/System	Projected Demand (MW)	Actual Demand (MW)	Change(in %)
Bihar			↑
DVC			↑
Jharkhand			↓ -
Orissa			↑
West Bengal			↑
Sikkim			↓ -

## Western Region

Chhattisgarh			↓ -
Gujarat			↑
Madhya Pradesh			↑
Maharashtra			↑
Daman & Diu			↓ -
Dadra Nagar Haveli			↓ -
Goa			↑



# Contd..

## Southern Region

State/Region/System	Projected Demand (MW)	Actual Demand (MW)	Change (in %)
Andhra Pradesh			↑
Karnataka			↑
Kerala			↑
Tamil Nadu			↑
Pondicherry			↑

## North Eastern Region

Arunachal Pradesh			↑
Assam			↓ -
Manipur			
Meghalaya			↓ -
Mizoram			↓ -
Nagaland			↓ -
Tripura			↓ -

# Demand Projection



- Northern Region
- Eastern Region
- Western Region
- North-Eastern Region
- Southern Region

# Generation Projection (Including New Generation)

- Northern Region
- Eastern Region
- Western Region
- North-Eastern Region
- Southern Region

# Data Collection for PoC Computation (Q4)

□ Letter to DICs for Furnishing Technical & Commercial Data for Q4 (Jan'15-Mar'15) dated 15<sup>th</sup> October 2014

□ Data Received from:

- |                   |                   |              |
|-------------------|-------------------|--------------|
| □ MPPTCL          | GETCO             | Chhattisgarh |
| □ Karnataka       | Arunachal Pradesh |              |
| □ Nagaland        | DVC               |              |
| □ Meghalaya       | Mizoram           |              |
| □ NTPC            | Tripura           |              |
| □ OTPCL           | GRIDCO            |              |
| □ Assam           | Haryana           |              |
| □ Kerala          | NAPS              |              |
| □ DTL             | TAPS              |              |
| □ Tamil Nadu      | NHPC              |              |
| □ THDC India Ltd. | Rajasthan         |              |
| □ SJVN Ltd.       | Manipur           |              |

- Data not Received from:
  - **Jammu & Kashmir**
  - **Himachal Pradesh**
  - **Punjab**
  - **Uttar Pradesh**
  - **Maharashtra**
  - **Bihar**
  - **Jharkhand**
  - **West Bengal**
  - **Sikkim**
  - **Andhra Pradesh**
  - **Chandigarh**
  - **Uttarakhand**

# YTC Data received from Transmission Licensees



- ▣ Aravali Power Company Pvt. Ltd.
- ▣ Essar Power Transmission Company Ltd.
- ▣ Jaypee Powergrid Limited
- ▣ Parbati Koldam Trans. Co. Ltd
- ▣ Jindal Power Ltd.
- ▣ Powerlinks Transmission Ltd.
- ▣ Torrent Power Grid Ltd.
- ▣ Reliance Power Transmission Ltd.
- ▣ North East Transmission Company Limited
- ▣ Power Grid Corporation of India Ltd. (Provisional YTC received on 11.12.2014)
- ▣ East North Inter-connection Ltd.
- ▣ Bhopal Dhule Transmission Company Ltd.

# YTC Data not received from



- ▣ **Raichur Sholapur Transmission company Ltd.**
- ▣ **Adani Power Limited**



**Thank You !!**



# Demand Projection – Northern Region

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Entity	Q3(Oct-Dec'14) (MW)	Q4(Jan-Mar'15) (MW)
Chandigarh		
Delhi	645	2567
Haryana		
Himachal Pradesh		
Jammu & Kashmir		
Punjab		
Rajasthan		
Uttar Pradesh		
Uttarakhand		
<b>Total</b>	<b>32347</b>	<b>61</b>

# Demand Projection – Eastern Region

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Entity	Q3(Oct-Dec'14) (MW)	Q4(Jan-Mar'15) (MW)
Bihar		
DVC		
Jharkhand		
Odisha	<b>2900</b>	
West Bengal		
Sikkim		
<b>Total</b>	<b>12195</b>	

# Demand Projection – Western Region

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Entity	Q3(Oct-Dec'14) (MW)	Q4(Jan-Mar'15) (MW)
Chhattisgarh		
Gujarat		
Madhya Pradesh	<b>8658</b>	
Maharashtra		
Daman & Diu		
Dadra Nagar Haveli		
Goa		
ESIL Hazira		
<b>Total</b>	<b>37596</b>	

# Demand Projection – North-Eastern Region

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Entity	Q3(Oct-Dec'14) (MW)	Q4(Jan-Mar'15) (MW)
Arunachal Pradesh		
Assam		
Manipur		
Meghalaya		
Mizoram		
Nagaland		
Tripura		
<b>Total</b>	<b>1497</b>	

# Demand Projection – Southern Region

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Entity	Q3(Oct-Dec'14) (MW)	Q4(Jan-Mar'15) (MW)
Andhra Pradesh		
Karnataka		
Kerala		
Tamil Nadu		
Pondicherry		
<b>Total</b>	<b>29306</b>	

# Generation Projection – Northern Region

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
1	UP	5033	-	-	5033	-	-
2	Delhi	1108	-	-	1108	-	-
3	Haryana	2044	-	-	2044	-	-
4	Uttarakhand	371	<u>14</u>	-	385	-	-
5	Punjab	2188	<u>458</u>	<u>432</u>	3078	-	-
6	Rajasthan	4250	<u>568</u>	-	4819	-	-
7	Himachal Pradesh	145	-	-	145	-	-
8	Jammu & Kashmir	248	-	-	248	-	-
9	BBMB	1038	-	-	1038	-	-

# Generation Projection – Northern Region ...(2)

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14-31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
10	Dadri Thermal	1479	-	-	1479	-	-
11	Rihand	2136	-	-	2136	-	-
12	Singrauli	1779	-	-	1779	-	-
13	Unchahar	898	-	-	898	-	-
14	Auraiya	257	-	-	257	-	-
15	Dadri CCPP	441	-	-	441	-	-
16	NAPS	283	-	-	283	-	-
17	Jhajjar	574	-	-	574	-	-
18	DHAULIGANGA	41	-	-	41	NHPC Letter dtd 30.10.14	28
19	Tanakpur	20	-	-	20		20
20	Koteshwar	124	-	-	124	THDC Letter dtd 01.11.14	139
21	Tehri	329	-	-	329	-	-
22	Anta	243	-	-	243	-	-
23	RAAP A,B,C	987	-	-	987	-	-
24	AD Hydro	27	-	-	27	-	-
25	Everest	05	-	-	05	-	-
26	Karcham Wangtoo	132	-	-	132	-	-

# Generation Projection – Northern Region ...(3)

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S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
27	Bairasul	56	-	-	56		57
28	Chamera 1	129	-	-	129	NHPC Letter dtd 30.10.14	131
29	Chamera 2	67	-	-	67		68
30	Chamera 3	33	-	-	33		33
31	Naptha Jhakri	285	-	-	285	-	-
32	Lanco Budhil	05	-	-	05	-	-
33	DULHASTI	87	-	-	87	NHPC Letter dtd 30.10.14	88
34	Salal	196	-	-	196		198
35	Sewa-II	67	-	-	67		68
36	URI I HPS	258	-	-	258		262
37	URI II HPS	110	<u>24</u>	-	134		111
38	Sree Cement	201	-	-	201	-	-
39	Parbati III	-	<u>206</u>	-	206	NHPC Letter dtd 30.10.14	18
40	Rampur HEP	-	<u>163</u>	-	163	-	-



# Generation Projection – Eastern Region...(1)

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
41	West Bengal	3683	-	-	3683	-	-
42	Odisha	1235	-	-	1235	As per GRIDCO letter dtd . 31.10.14	1740
43	Bihar	35	-	-	35	-	-
44	Jharkhand	420	-	-	420	-	-
45	Sikkim	0	-	-	0	-	-
46	Chujachan	13	-	-	13	-	-
47	DVC	2544	-	<u>393</u>	2937	As per DVC letter dtd . 31.10.14	3350
48	Durgapur Steel	476	-	-	476	-	-
49	Koderma TPP	246	-	-	246	-	-
50	MPL	716	-	-	716	-	-
51	Sterlite	864	-	-	864	-	-

# Generation Projection – Eastern Region...(2)

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S. No.	Entity	Projection based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
52	Teesta	91	-	-	91	As per NHPC letter dtd . 30.10.14	122
53	Kahalgaon	1684	-	-	1684	-	-
54	Farakka	1379	-	-	1379	-	-
55	Talcher	835	-	-	835	-	-
56	Rangeet	19	-	-	19	As per NHPC letter dtd . 30.10.14	19
57	Corporate Power	0	-	-	0	-	-
58	Adhunik Power	227	-	-	227	-	-
59	Barh	-	-	<u>432</u>	432	-	-
60	Kamalanga TPP (GMR)	289	<u>451</u>	-	740	Only 550 MW allowed to dispatch	550
61	JITPL	-	<u>393</u>	-	393	-	-
62	Bhutan	80	-	-	80	-	-

# Generation Projection – Western Region...(1)

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14-31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
63	MP	2840	<u>486</u>	-	3326	As per data given by MPSLDC	3521
64	Maharashtra	9783	<u>1309</u>	-	11266	-	-
65	Chattisgarh	1665	<u>327</u>	-	1992	-	-
66	Gujarat	7092	<u>97</u>	-	7189	-	-
67	Goa	29	-	-	29	-	0
68	D&D	0	-	-	0	-	-
69	DNH	0	-	-	0	-	-
70	Vindhyachal	3247	<u>327</u>	-	3575	-	
71	Ratnagiri Dabhol	391	-	-	391	-	0
72	TAPS (1,2,3,4)	1074	-	-	1074	-	-
73	JINDAL	857	-	-	857	-	-
74	LANCO	344	-	-	344	-	-
75	NSPCL Bhilai	421	-	-	421	-	-
76	Korba	2390	-	-	2390	-	-

# Generation Projection – Western Region ... (2)

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14-31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
77	SIPAT	2460	-	-	2460	-	-
78	CGPL	2944	-	-	2944	-	-
79	Mauda	-	<u>330</u>	-	330	-	-
80	Gandhar	263	-	-	263	-	-
81	Kawas	253	-	-	253	-	-
82	KAPS	398	-	-	398	-	-
83	Essar Mahan	157	-	-	157	-	-
84	BALCO	92	-	-	92	-	-
85	KSK Mahanadi	347	<u>393</u>	-	739	-	-
86	Vandana Vidyut	-	<u>87</u>	-	87	-	-
87	Sasan UMPP	739	<u>864</u>	<u>432</u>	2035	-	-
88	Tamnar TPP	-	<u>786</u>	-	786	-	-

# Generation Projection – Western Region ... (3)

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S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14-31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
89	DGEN	-	<u>524</u>		524	-	-
90	DB Power	-	<u>393</u>	-	393	-	-
91	Korba West	-	<u>393</u>	-	393	-	-
92	Dhariwal	-	<u>193</u>	-	193	-	-
93	JP Nigrie	-	<u>432</u>	-	432	-	-

# Generation Projection – North-Eastern Region

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S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14-31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C (MW)	Comments/ Comments From DICs (if any)	Figure as per Comments (MW)
94	AGTPP, NEEPCO	74	-	-	74	-	-
95	Doyang, NEEPCO	7	-	-	7	-	-
96	Kopili, NEEPCO	41	-	-	41	-	-
97	Khandong, NEEPCO	05	-	-	05	-	-
98	Ranganadi, NEEPCO	47	-	-	47	-	-
99	Kathalguri	191	-	-	191	-	-
100	Loktak, NHPC	42	-	-	42	As per NHPC letter dtd . 30.10.14	42
101	Palatana GBPP	283	-	-	283	-	-
102	Arunachal Pradesh	0	-	-	0	-	-
103	Assam	174	-	-	174	-	-
104	Manipur	0	-	-	0	-	-
105	Meghalaya	36	<u>20</u>	-	56	-	-
106	Nagaland	0	-	-	0	As per NERLDC	5
107	Tripura	96	-	-	96	-	-
108	Mizoram	0	-	-	0	As per NERLDC	5

# Generation Projection – Southern Region...(1)

S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+ C	Comments / Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
109	Andhra Pradesh	7751	-	<u>524</u>	8274	-	-
110	Karnataka	5504	-	-	5504	-	-
111	Kerala	947	-	-	947	-	-
112	Tamil Nadu	4829	<u>489</u>	-	5318	-	-
113	Pondy	27	-	-	27	-	0
114	Ramagundam	2371	-	-	2371	-	-
115	Simhadri	898	-	-	898	-	-
116	SEPL	290	<u>97</u>	-	392	-	-
117	Lanco Kondapalli	0	-	-	0	-	-

# Generation Projection – Southern Region...(2)

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S. No.	Entity	Projections based on 3 Years Data (A)	Generation addition during 1 <sup>st</sup> Apr'14 – 30 <sup>th</sup> Sep'14 (B)	Expected Generation 1 <sup>st</sup> oct'14- 31 <sup>st</sup> Dec'14 (C)	TOTAL D=A+B+C	Comments/ Comments From DICs (if any)	Figure as per Comments
		(MW)	(MW)	(MW)	(MW)		(MW)
118	Kaiga	586	-	-	586	-	-
119	NEYVELI ( EXT) TPS	379	-	-	379	-	-
120	NEYVELI TPS-II	1287	-	-	1287	-	-
121	NEYVELI TPS-II EXP	0	<u>113</u>	-	113	-	-
122	MAPS	274	-	-	274	-	-
123	Vallur	629	-	<u>327</u>	957	-	-
124	Meenakhshi	0	<u>193</u>	-	193	-	-
125	Kudankulam	0	-	<u>910</u>	910	-	-
126	Import from Talcher	1746	-	-	1746	-	-



# Expected Generation addition – Northern Region (1)

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		Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14				Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Uttarakhand	Bhilangana	1	8	5	14					
	Bhilangana	2	8	5						
	Bhilangana	3	8	5						
Punjab	Rajpura TPP	2	700	458	458	Talwandi Saboo	1	660	432	432
Rajasthan	Chhabra-II	4	250	161	568					
	Kalisindh	1	600	393						
	Ramgarh GT	1	50	15						

# Expected Generation addition – Northern Region...(2)

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Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14						Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
URI II HPS	Uri II	4	60	24	24					
Parbati III	Parbati III	1	130	51	206					
	Parbati III	2	130	51						
	Parbati III	3	130	51						
	Parbati III	4	130	51						

# Expected Generation addition – Northern Region...(3)

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Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14						Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Rampur HEP	Rampur HEP	1	69	27	163					
	Rampur HEP	2	69	27						
	Rampur HEP	5	69	27						
	Rampur HEP	3	69	27						
	Rampur HEP	4	69	27						
	Rampur HEP	6	69	27						

# Expected Generation addition – Eastern Region

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		Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14				Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
West Bengal	Durgapur TPS Extn	8	250	0	0					
DVC						Raghunathpur TPP	1	600	393	393
Kamalanga TPP (GMR)	Kamalanga TPP (GMR)	2	350	225	451					
	Kamalanga TPP (GMR)	3	350	225						
Barh						Barh STPP	4	660	432	432
JITPL	JITPL	1	600	393	393					

# Expected Generation addition – Western Region...(1)

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		Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14				Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014					
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)	
MP	Satpura TPP Extn	11	250	161	486	MB Power	1	600	0	0	
	Malwa	1	600	325							
Maharashtra	Vidarbha Power Ltd.	2	300	196	1309	Nasik (Sinner) (india-bulls)	2	270	174	174	
	Bela TPP	1	270	177							
	Bhusawal II	2	500	327							
	Nasik(Sinner) (india-bulls)	1	270	177							
	Tirora TPP Ph-II	2	660	432							

# Expected Generation addition – Western Region (2)

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Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14						Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Chhattisgarh	Marwa TPS	1	500	327	327					
Gujarat	Pipavav	Block 1	351	97	97					
Vindhychal	Vindhychal St-IV	12	500	327	327					
Mauda	Mauda	2	500	330	330					
KSK Mahanadi	KSK Mahanadi	2	600	393	393					
Vandana Vidyut	Vandana Vidyut TPP	1	135	87	87					

# Expected Generation addition – Western Region (3)

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		Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14				Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Sasan UMPP	Sasan UMPP	3	660	432	864	Sasan UMPP	5	660	432	432
	Sasan UMPP	4	660	432						
Tamnar TPP	Tamnar TPP	1	600	393	786					
	Tamnar TPP	2	600	393						
DGEN	DGEN	1	400	262	524					
	DGEN	2	400	262						
DB Power Ltd.	DB Power Ltd	1	600	393	393					
Korba West	Korba West	1	600	393	393					
Dhariwal	Dhariwal TPP	2	300	193	193					
JP Nigrie	JP Nigrie	1	660	432	432					

# Expected Generation addition – Southern Region

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Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14						Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Andhra Pradesh						Krishnapattnam	1	800	524	524
Tamil Nadu	North Chennai Stg II	1	600	393	489					
	Tuticorin TPP-II	2	150	97						
SEPL	SEPL	3	150	97	97					
NEYVELI TPS-II EXP	NEYVELI TPS-II EXP	1	250	113	113					
Vallur						Vallur TPP II	3	500	327	327
Meenakhshi	Meenakhshi	1	150	97	193					
	Meenakhshi	2	150	97						
Kudankulam						Kudankulam	1	1000	910	910



# Expected Generation addition –North Eastern Region

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	Generation After 1 <sup>st</sup> Apr '14 till 30 <sup>th</sup> Sep'14					Expected Generation Likely to be declared Commercial from 1 <sup>st</sup> Oct' 2014 to 31 <sup>st</sup> Dec '2014				
Entity	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total	Bus Name	Unit No.	Installed Capacity	Gen. considered	Total
			(MW)	(MW)	(MW)			(MW)	(MW)	(MW)
Meghalaya	Meghalaya Power Limited	2	45	20	20					